

EDUCATIONAL EXAMINERS BOARD[282]

Adopted and Filed

Rule making related to new teacher mentoring model and computer science endorsement

The Board of Educational Examiners hereby amends Chapter 13, “Issuance of Teacher Licenses and Endorsements,” Iowa Administrative Code.

Legal Authority for Rule Making

This rule making is adopted under the authority provided in Iowa Code section 272.2.

State or Federal Law Implemented

This rule making implements, in whole or in part, Iowa Code sections 272.2 and 272.28.

Purpose and Summary

The first amendment aligns with 2017 Iowa Acts, House File 642, which amended Iowa Code section 272.28 to include the Teacher Leadership and Compensation model as an option for new teacher mentoring. The second amendment aligns with 2017 Iowa Acts, Senate File 274, which amended Iowa Code section 272.2 to direct the Board to establish a computer science endorsement.

Public Comment and Changes to Rule Making

Notice of Intended Action for this rule making was published in the Iowa Administrative Bulletin on December 6, 2017, as **ARC 3470C**. A public hearing was held on December 27, 2017. No one attended the public hearing. No public comments were received. No changes from the Notice have been made.

Adoption of Rule Making

This rule making was adopted by the Board on January 11, 2018.

Fiscal Impact

This rule making has no fiscal impact to the State of Iowa.

Jobs Impact

After analysis and review of this rule making, no impact on jobs has been found.

Waivers

Any person who believes that the application of the discretionary provisions of this rule making would result in hardship or injustice to that person may petition the Board for a waiver of the discretionary provisions, if any, pursuant to 282—Chapter 6.

Review by Administrative Rules Review Committee

The Administrative Rules Review Committee, a bipartisan legislative committee which oversees rule making by executive branch agencies, may, on its own motion or on written request by any individual or group, review this rule making at its regular monthly meeting or at a special meeting. The Committee’s meetings are open to the public, and interested persons may be heard as provided in Iowa Code section 17A.8(6).

Effective Date

This rule making will become effective on March 21, 2018.

The following rule-making actions are adopted:

ITEM 1. Amend rule 282—13.7(272) as follows:

282—13.7(272) Specific requirements for a standard license. A standard license valid for five years may be issued to an applicant who:

1. Meets the general requirements set forth in rule 282—13.5(272), and
2. Shows evidence of successful completion of a state-approved mentoring and induction program or mentoring through a state-approved career, leadership, and compensation framework by meeting the Iowa teaching standards as determined by a comprehensive evaluation and two years' successful teaching experience within the applicant's approved endorsement area(s). In lieu of completion of an Iowa state-approved mentoring ~~and induction~~ program, the applicant must provide evidence of three years' successful teaching experience within the applicant's approved endorsement area(s) at any of the following:

- An accredited nonpublic school in this state.
- A preschool program approved by the United States Department of Health and Human Services.
- Preschool programs at school districts approved to participate in the preschool program under Iowa Code chapter 256C.
- Shared visions programs receiving grants from the child development coordinating council under Iowa Code section 256A.3.
- Preschool programs receiving moneys from the school ready children grants account of the early childhood Iowa fund created in Iowa Code section 256I.11.
- An out-of-state PK-12 educational setting.

ITEM 2. Amend rule 282—13.28(272) as follows:

282—13.28(272) Minimum content requirements for teaching endorsements.

13.28(1) to 13.28(34) No change.

13.28(35) Computer science. K-8 and 5-12.

a. Authorization. The holder of this endorsement is authorized to teach selected computer science and computer programming courses.

b. Program requirements. Applicants must hold a valid Iowa teaching license with at least one additional teaching endorsement.

c. Content. A minimum of 12 semester hours of computer science to include coursework in the following:

(1) Data representation and abstraction to include primitive data types, static and dynamic data structures, and data types and stores.

(2) Designing, developing, testing and refining algorithms to include proficiency in two or more programming paradigms.

(3) Systems and networks to include operating systems, networks, mobile devices, and machine-level data representation.

d. Methods course. A content area methods course is required pursuant to 13.29(1). The course should include the following effective teaching and learning strategies for information technology:

(1) Curriculum development including recognizing and defining real-world computational problems; computing concepts and constructs; developing and using abstractions; creating, testing, and refining computational artifacts; and problem-solving strategies in computer science.

(2) Project-based methodologies that support active and authentic learning, fostering an inclusive computing culture, collaborative groupings, and opportunities for creative and innovative thinking.

(3) Communication about computing including multiple forms of media.

(4) Digital citizenship including the social, legal, ethical, safe and effective use of computer hardware, software, peripherals, and networks.

e. Computer science specialist. If the requirements in 13.28(35) “c” and “d” are met and the applicant achieves a minimum of 24 semester hours of computer science content, a computer science specialist endorsement will be granted and the additional teaching endorsement set forth in 13.28(35) “b” will not be required.

f. Waiver of coursework requirements. During the first year of implementation, the coursework requirements may be waived if the practitioner demonstrates relevant content knowledge mastery and successful teaching experience in this endorsement area through criteria established by the board of educational examiners.

[Filed 1/22/18, effective 3/21/18]

[Published 2/14/18]

EDITOR’S NOTE: For replacement pages for IAC, see IAC Supplement 2/14/18.